

In The Claims

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

(1) (Currently Amended) A method for providing grain milling services comprising the steps of:

transporting a short flow grain milling process to a location;

receiving grain into the short flow grain milling process;

milling at least some of the grain in the short flow grain milling process by breaking the kernels of grain into two or more parts and separating the parts according to selected size classes;

wherein at least one separation step occurs directly after each breaking step and at least one of said size classes is removed from the mill stream directly from each separation step; and

generating a finished product from said short flow grain milling process.

(2) (Previously Presented) The method of Claim 1 wherein:

the short flow grain milling process is transported via truck.

(3) (Previously Presented) The method of Claim 1 wherein:

the short flow grain milling process is transported via train.

(4) (Previously Presented) The method of Claim 1 wherein:

the short flow grain milling process is transported via airborne transport.

(5) (Previously Presented) The method of Claim 1 wherein:

the short flow grain milling process is transported via waterborne transport.

(6) (Currently Amended) A method for milling corn comprising the steps of:

transporting a short flow grain milling process comprising a cleaner, a degerminator, at

least two separation steps, and at least one roller;

processing grain to produce a selected finished product using said short flow grain

milling process wherein at least a portion of the selected finished product is obtained

directly from ~~the first~~each separation step.

(7) (New) A method for providing grain milling services comprising the steps of:

transporting a short flow grain milling process to a location;

receiving grain into the short flow grain milling process;

milling at least some of the grain in the short flow grain milling process, the short

flow grain milling process having the steps of:

(a) cleaning the kernels of corn;

(b) degerminating the cleaned kernels of corn;

(c) separating the parts according to selected size classes in a first
separation step wherein the first separation step occurs immediately after
degermination;

(d) removing at least one of said size classes from the mill stream as the
desired end product directly from the first separation step;

(e) diverting at least one of the remaining size classes from the first separation step to a first break roller having first roller settings which breaks that size class into two or more parts, separating the parts according to size class in a second separation step immediately after they pass through the first break roller, removing at least one of said size classes from the mill stream directly from the second separation step, directing the remaining size classes to one or more other locations;

(f) diverting at least one of the remaining size classes from the first separation step to a second break roller having second roller settings which breaks that size class into two or more parts, separating the parts according to size class in a third separation step immediately after they pass through the second break roller, removing at least one of said size classes from the mill stream directly from the third separation step, directing the remaining size classes to one or more other locations; and

(g) diverting at least one of the remaining size classes from the first separation step to a third break roller having third roller settings which breaks that size class into two or more parts, separating the parts according to size class in a fourth separation step immediately after they pass through the third break roller, removing at least one of said size classes from the mill stream directly from the fourth separation step, directing the remaining size classes to one or more other locations.

(8) (New) The method of Claim 7 wherein two of the size classes removed from the mill stream after the first, second, third, and fourth, separation steps are flour and meal.

(9) (New) The method of Claim 7 wherein the first and third break roller steps comprise rollers having a different number of corrugations per inch.

(10) (New) The method of Claim 7 wherein the first and second break roller steps comprise rollers having the same number of corrugations per inch.

(11) (New) The method of Claim 7 wherein at least one of the remaining size classes after the second separation step is directed to the second break roller and at least one of the remaining size classes after the second separation step is directed to the third break roller; and

at least one of the remaining size classes after the third separation step is directed to the third break roller.